

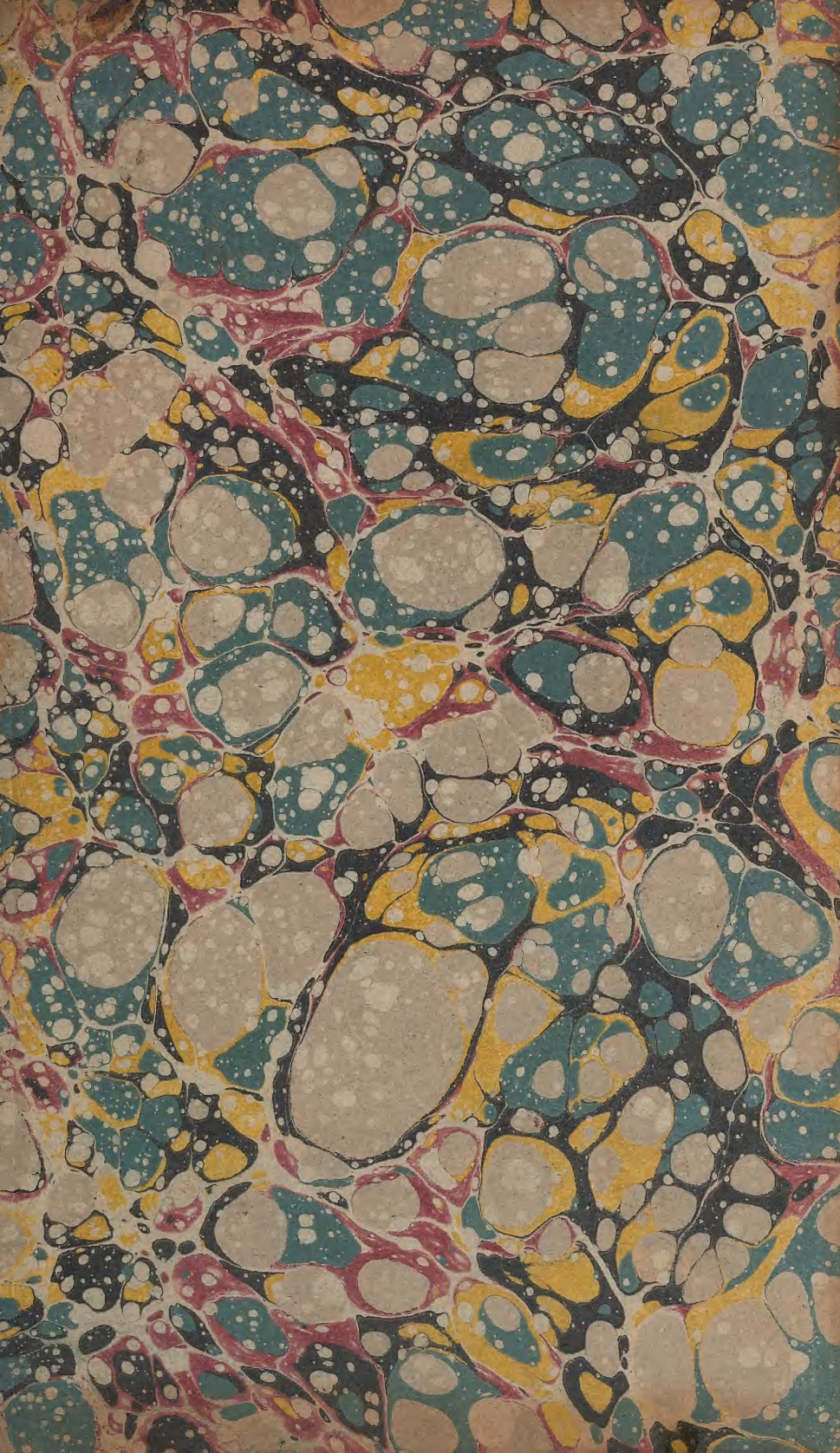


*Mrs. Hewitt*

*9 Lexington Avenue*

Presented in memory of  
Mrs. Abigail S. Sewell  
by her daughters -  
Mrs. James W. Green  
Miss Sarah Cooper Sewell  
Miss Eleanor G. Sewell  
1923



















# ARBORETUM ET FRUTICETUM BRITANNICUM;

OR,

THE TREES AND SHRUBS OF BRITAIN,

*Native and Foreign, Hardy and Half-Hardy,*

PICTORIALLY AND BOTANICALLY DELINEATED,  
AND SCIENTIFICALLY AND POPULARLY DESCRIBED;

WITH

THEIR PROPAGATION, CULTURE, MANAGEMENT,  
AND USES IN THE ARTS, IN USEFUL AND ORNAMENTAL PLANTATIONS, AND IN  
**LANDSCAPE-GARDENING;**

PRECEDED BY A

HISTORICAL AND GEOGRAPHICAL OUTLINE  
OF THE TREES AND SHRUBS OF TEMPERATE CLIMATES  
THROUGHOUT THE WORLD.

By J. C. LOUDON, F.L. & H.S., &c.

AUTHOR OF THE ENCYCLOPÆDIAS OF GARDENING AND OF AGRICULTURE,  
AND CONDUCTOR OF THE GARDENER'S MAGAZINE.

---

IN EIGHT VOLUMES:

FOUR OF LETTERPRESS, ILLUSTRATED BY ABOVE 2500 ENGRAVINGS;  
AND FOUR OF OCTAVO AND QUARTO PLATES.

~~~~~  
VOL. V.

THE PLATES FROM MAGNOLIACEÆ TO LEGUMINOSÆ INCLUSIVE.

---

LONDON:

PRINTED FOR THE AUTHOR;

AND SOLD BY

LONGMAN, ORME, BROWN, GREEN, AND LONGMANS;

THE PARTIALLY COLOURED AND COLOURED COPIES, BY  
JAMES RIDGWAY AND SONS.

1838.







# CONTENTS.

## LIST OF THE PORTRAITS OF TREES FORMING VOL. V., SYSTEMATICALLY ARRANGED.

The names, scientific and English, of all the trees included in the plates forming Vols. V. VI. VII. and VIII., will be found systematically arranged in the General Contents in Vol. I., and alphabetically arranged at the end of Vol. VIII.

The number on the left hand merely shows the series; that on the right extremity of the column, in parenthesis, is the number printed on the plate; and the number preceding it refers to that page of the body of the work where the tree is treated of.

### MAGNOLIA'CEÆ. (MAGNOLIAS.)

Text in Vol. I.

1. *Magnolia grandiflora* - p. 261. (1.)  
Brentford Nursery. *Miss Eliza Ronalds.*
2. *M. g. exoniensis* - p. 261. (3.)  
The Chiswick Villa. *Miss M. L.*
3. *M. glauca* - - p. 267. (4.)  
Mile End Nursery. *R. Varden.*
4. *M. gl. Thompsoniana* - p. 267. (5.)  
Mile End Nursery. *R. Varden.*
5. *M. tripetala* - p. 269. (6.)  
Mile End Nursery. *R. Varden.*
6. *M. macrophylla* - p. 271. (7.)  
The Chiswick Villa. *Miss M. L.*
7. *M. acuminata* - p. 273. (10.)  
Messrs. Loddiges, Hackney. *R. Varden.*
8. *M. acuminata*, full-grown tree - (9a.)  
Duke of Northumberland, Syon. *G. R. Lewis.*
9. *M. cordata* - - p. 275. (11.)  
Messrs. Loddiges, Hackney. *R. Varden.*
10. *M. auriculata* - p. 276. (8.)  
Messrs. Loddiges, Hackney. *R. Varden.*
11. *M. (a.) pyramidata* - p. 277. (9.)  
Messrs. Loddiges, Hackney. *R. Varden.*
12. *M. conspicua* - p. 278. (12.)  
Mile End Nursery. *R. Varden.*
13. *Liriodendron Tulipifera* } p. 284. (13.)  
Hort. Soc. Gard. *F. Rauch.*
14. *L. Tulipifera*, full-grown tree (12a.)  
Syon House. *G. R. Lewis.*
19. *T. (e.) laciniata* - p. 366. (21. or 22.)  
Hort. Soc. Gard. *Miss M. L.*
20. *T. (e.) parvifolia aurea* p. 366. (25.)  
Hort. Soc. Gard. *Miss M. L.*
21. *T. (e.) alba* (syn. ar- } p. 372. (18.)  
géntea) - }  
Hort. Soc. Gard. *Miss M. L.*
22. *T. americana* } p. 373. (24. or 25.)  
(syn. álba) }
23. *T. (a.) laxiflora* - p. 374. (23.)  
Hort. Soc. Gard. *Miss M. L.*
24. *T. (a.) pubescens* p. 374. (22. or 27.)  
Hort. Soc. Gard. *Miss M. L.*

### ACERA'CEÆ. (MAPLES AND SYCAMORES.)

25. *Acer tataricum* - p. 406. (26.)  
Hort. Soc. Gard. *Miss M. L.*
26. *A. spicatum* - p. 406. (30.)  
Hort. Soc. Gard. *Miss M. L.*
27. *A. striatum* - p. 407. (28.)  
Hort. Soc. Gard. *Miss M. L.*
28. *A. macrophyllum* - p. 408. (34.)  
Hort. Soc. Gard. *Miss M. L.*
29. *A. platanoides* - p. 408. (35.)  
Hort. Soc. Gard. *Miss M. L.*
30. *A. p. laciniatum* - p. 409. (36.)  
Hort. Soc. Gard. *Miss M. L.*
31. *A. saccharinum* (the } p. 411. (37.)  
Sugar Maple) - }
32. *A. Pseudo-Platanus* } p. 414. (33.)  
(Common Syca- }  
more) - }
33. *A. Pseudo-Platanus*, full- } (33a.)  
grown tree - }
34. *A. obtusatum* (syn. hí- } p. 420. (38.)  
bridum) - }

### TILIA'CEÆ. (LIME TREES.)

15. *Tilia europæa* - p. 364. (15.)  
Hort. Soc. Gard. *Miss M. L.*
16. *T. e.*, full-grown tree - (8a.)  
Studley Park. *H. W. Jukes.*
17. *T. (e.) platyphylla* - p. 365. (19.)  
Hort. Soc. Gard. *Miss M. L.*
18. *T. (e.) p. minor* - p. 365. (20.)  
Hort. Soc. Gard. *Miss M. L.*

35. *A. opulifolium* - p. 420. (31.)  
Hort. Soc. Gard. *Miss M. L.*
36. *A. O'palus* - p. 420. (31a.)  
Hort. Soc. Gard. *Miss M. L.*
37. *A. eriocarpum* - p. 423. (40.)  
Hort. Soc. Gard. *Miss M. L.*
38. *A. e.*, full-grown tree - (39a.)  
Bot. Gard., Kew. *L. Martin.*
39. *A. rubrum* - p. 424. (39.)  
Hort. Soc. Gard. *Miss M. L.*
40. *A. r.*, full-grown tree - (38a.)  
Bot. Gard., Kew. *L. Martin.*
41. *A. monspessulanum* - p. 427. (27.)  
Hort. Soc. Gard. *Miss M. L.*
42. *A. m.*, full-grown tree - (27a.)  
Ham House, Essex. *H. W. Jukes.*
43. *A. campéstre* (the com- } p. 428. (32.)  
mon Maple) }  
Hort. Soc. Gard. *Miss M. L.*
44. *A. c.*, full-grown tree, 4to - (32a.)  
Studley Park. *H. W. Jukes.*
45. *A. créticum*, full-grown } p. 430. (40a.)  
tree - }  
Syon House, Middlesex. *G. R. Lewis.*
46. *Negundo fraxinifolium* } p. 460. (41.)  
(Box Elder) - }  
Hort. Soc. Gard. *Miss M. L.*
47. *N. f. crispum* - p. 460. (42.)  
Hort. Soc. Gard. *Miss M. L.*
- ÆSCULA'CEÆ. (HORSECHESTNUTS.)**
48. *Æsculus Hippocástanum* (the common } p. 463. (43.)  
Horsechestnut) - }  
Hort. Soc. Gard. *Miss M. L.*
49. *Æ. H.*, full-grown tree - (44.)  
Forty Hill, Enfield. *W. J. Nesfield.*
50. *Æ. (H.) rubicúnda* } p. 467. (46.)  
(syn. *cárnea*) - }  
Hort. Soc. Gard. *Miss M. L.*
51. *Pavia rubra* (Smooth } p. 469. (48.)  
Horsechestnut) - }  
Hort. Soc. Gard. *Miss M. L.*
52. *P. r.*, full-grown tree - (48.)  
Syon House. *G. R. Lewis.*
53. *P. r. humilis péndula* - p. 470. (52.)  
Hort. Soc. Gard. *Miss M. L.*
54. *P. flava* - p. 471. (50.)  
Hort. Soc. Gard. *Miss M. L.*
55. *P. f.*, full-grown tree - (51.)  
Syon House. *G. R. Lewis.*
56. *P. macrocarpa* - p. 473. (52.)  
Hort. Soc. Gard. *Miss M. L.*
- SAPINDA'CEÆ.**
57. *Kölreutèria paniculàta* - p. 475. (53.)  
Hort. Soc. Gard. *Miss M. L.*
- XANTHOXYLA'CEÆ.**
58. *Xanthoxylum fraxí-  
neum* (the Tooth- } p. 488. (54.)  
ache Tree) - }  
Hort. Soc. Gard. *H. Le Jeune.*
59. *Ptèlea trifoliàta* - p. 489. (55.)  
Hort. Soc. Gard. *Miss M. L.*
60. *Ailántus glandulòsa* - p. 490. (56.)  
Hort. Soc. Gard. *Miss M. L.*
61. *A. g.*, full-grown tree - (55a.)  
Syon House. *G. R. Lewis.*
- CELASTRA'CEÆ. (SPINDLE TREES.)**
- Text in Vol. II.
62. *Euónymus europæus* - p. 496. (57.)  
Hort. Soc. Gard. *Miss M. L.*
63. *E. latifolius* - p. 498. (58.)  
Hort. Soc. Gard. *Miss M. L.*
- AQUIFOLIA'CEÆ. (HOLLIES.)**
64. *Ilex Aquifolium* - p. 505. (59.)  
Bayswater. *H. Le Jeune.*
65. *I. A.*, full-grown tree - (59a.)  
Studley Park. *H. W. Jukes.*
66. *I. opàca* - p. 516. (60.)  
Messrs. Loddiges. *Miss M. L.*
67. *I. opàca*, full-grown tree - (59b.)  
Syon House. *G. R. Lewis.*
- RHAMNA'CEÆ. (BUCKTHORNS.)**
68. *Paliurus aculeatus* } p. 527. (61.)  
(Christ's Thorn) - }  
Hort. Soc. Gard. *Miss M. L.*
69. *P. a.*, full-grown tree - (60b.)  
Syon House. *G. R. Lewis.*
70. *Rhamnus catharticus* } p. 531. (62.)  
(Purging Buckthorn) }  
Hort. Soc. Gard. *Miss M. L.*
71. *R. alpinus* - p. 536. (62c.)  
Hort. Soc. Gard. *Miss M. L.*
72. *R. Frángula* (Berry-  
bearing Alder) - } p. 537. (62a.)  
Hort. Soc. Gard. *Miss M. L.*
73. *R. latifolius* - p. 538. (62b.)  
Hort. Soc. Gard. *Miss M. L.*
- HOMALINA'CEÆ.**
74. *Aristotèlia Mácqui* - p. 543. (63.)  
Fulham Nursery. *H. W. Jukes.*
- LEGUMINO'SÆ.**
75. *Sophòra japonica* - p. 563. (64.)  
Hort. Soc. Gard. *Miss M. L.*
76. *S. j.*, full-grown tree, 4to - (63a.)  
Syon House. *G. R. Lewis.*
77. *S. j. péndula* - p. 564. (65.)  
Hort. Soc. Gard. *Miss M. L.*
78. *Virgília lutea* - p. 565. (66.)  
Hort. Soc. Gard. *Miss M. L.*
79. *Cýtisis Labúrnum* (the  
common Laburnum, } p. 590. (67.)  
or Pea Tree) - }  
Hort. Soc. Gard. *Miss M. L.*
80. *C. L. quercifolium* (syn. } p. 590. (68.)  
*incisum*) - }  
Hort. Soc. Gard. *Miss M. L.*
81. *C. alpinus* (Scotch La-  
burnum) - } p. 591. (70.)  
Hort. Soc. Gard. *Miss M. L.*



82. *C. a. pëndulus* - - p. 591. (70a.)  
Messrs. Loddiges. *H. Le Jeune.*
83. *Robinia Pseud-Acacia* }  
(Common Acacia, or Locust) } p. 609. (71.)  
Hort. Soc. Gard. *Miss M. L.*
84. *R. P.-A.*, full grown tree - 71.\*  
Kenwood. *W. J. Nesfield.*
85. *R. P.-A. umbraculifera* p. 610. (71a.)  
Bayswater. *H. Le Jeune.*
86. *R. P.-A. tortuosa* - p. 610. (72.)  
Hort. Soc. Gard. *H. Le Jeune.*
87. *R. viscosa* - p. 626. (73.)  
Hort. Soc. Gard. *Miss M. L.*
88. *R. hispida macrophylla* }  
(Large-leaved Rose Acacia) } p. 628. (73a.)  
Hort. Soc. Gard. *H. Le Jeune.*
89. *Caragana arborëscens* }  
(the Siberian Pea Tree) } p. 629. (75.)  
Hort. Soc. Gard. *Miss M. L.*
90. *Gleditschia triacanthos* }  
(the Three-thorned Acacia) } p. 650. (76.)  
Hort. Soc. Gard. *Miss M. L.*
91. *G. t.*, full-grown tree - p. 650. (75a.)  
Syon House. *G. R. Lewis.*
92. *G. inermis* - p. 650. (77b.)  
Hort. Soc. Gard. *Miss M. L.*
93. *G. i.*, full-grown tree - (76a.)  
Syon House. *G. R. Lewis.*
94. *G. sinënsis* (syn. *horrída*) p. 654. (78.)  
Hort. Soc. Gard. *H. Le Jeune.*
95. *G. (s.) japónica* - p. 654. (80.)  
Messrs. Loddiges. *H. Le Jeune.*
96. *G. (s.) nana* - p. 654. (80.)  
Messrs. Loddiges. *H. Le Jeune.*
97. *G. (s.) purpurea* - p. 654. (78b.)  
Messrs. Loddiges. *H. Le Jeune.*
98. *G. (s.) macracantha* - p. 654. (78.)  
Messrs. Loddiges. *H. Le Jeune.*
99. *Gymnocladus canadensis* (Kentucky Coffee Tree) } p. 656. (82a.)  
Hort. Soc. Gard. *Miss M. L.*
100. *G. c.*, full-grown tree - (82.)  
Syon House. *G. R. Lewis.*
101. *Cercis Siliquastrum* (the Judas Tree) } p. 657. (83.)  
Hort. Soc. Gard. *Miss M. L.*
102. *C. S.*, full-grown tree - (82b.)  
Syon House. *G. R. Lewis.*
103. *C. canadensis* - p. 659. (83.)  
Hort. Soc. Gard. *Miss M. L.*
104. *Acacia dealbata* - p. 666. (74.)  
Hort. Soc. Gard. *Miss M. L.*

## LIST OF PLATES IN VOL. V., ALPHABETICALLY ARRANGED.

The Roman numerals refer to the volumes of the text where the species is treated of.

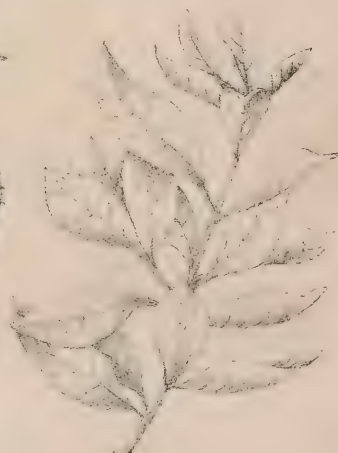
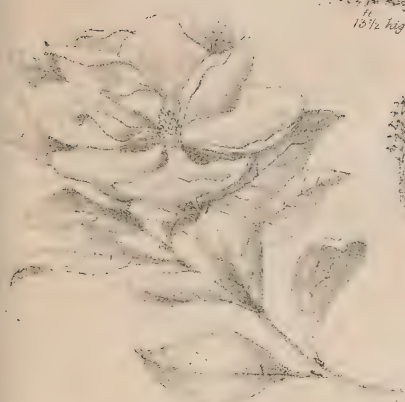
- Acacia dealbata* - - II. p. 666. (74.)
- Acacia*, False. See *Robinia*.
- Acer campëstre* (the common Maple) } I. p. 428. (32.)
- A. c.*, full-grown tree, 4to - (32a.)
- A. crëticum*, full-grown tree I. p. 430. (40a.)
- A. eriocarpum* - - I. p. 423. (40.)
- A. e.*, full-grown tree - - (39a.)
- A. macrophyllum* - - I. p. 408. (34.)
- A. monspessulanum* - - I. p. 427. (27.)
- A. m.*, full-grown tree - - (27a.)
- A. (hybridum) obtusatum* - I. p. 420. (38.)
- A. Opalus* - - I. p. 420. (31a.)
- A. opulifolium* - - I. p. 420. (31.)
- A. platanoides* - - I. p. 408. (35.)
- A. p. laciniatum* - - I. p. 409. (36.)
- A. Pseudo-Platanus* (the common Sycamore) } I. p. 414. (33.)
- A. Pseudo-Platanus*, full-grown tree (33a.)
- A. rubrum* - - I. p. 424. (39.)
- A. r.*, full-grown tree - - I. (38a.)
- A. saccharinum* (the Sugar Maple) } I. p. 411. (37.)
- A. spicatum* - - - I. p. 406. (30.)
- A. striatum* - - - I. p. 407. (28.)
- A. tatariëum* - - - I. p. 406. (26.)
- Æsculus Hippocastanum* (the Horsechestnut) } I. p. 463. (43.)
- Æ. H.*, full-grown tree - - (44.)
- Æ. H. (carnea) rubicunda* I. p. 467. (46.)
- Ailantus glandulosa* - - I. p. 490. (56.)
- A. g.*, full-grown tree - - (55a.)
- Aristotëlia Mäcqui* - - II. p. 543. (63.)
- Berry-bearing Alder. See *Rhamnüs Frangula*.
- Box Elder. See *Negundo*.
- Buckthorn. See *Rhamnüs*.
- Caragana arborëscens* (the Siberian Pea Tree) - } II. p. 629. (75.)
- Cercis canadensis* - - II. p. 659. (83.)
- C. Siliquastrum* (the Judas Tree) } II. p. 657. (83.)
- C. S.*, full-grown tree - - (82b.)
- Cytisus alpinus* - - II. p. 591. (70.)
- C. a. pëndulus* - - II. p. 591. (70a.)
- Christ's Thorn. See *Paliurus*.

|                                                          |                      |                                                                   |                           |
|----------------------------------------------------------|----------------------|-------------------------------------------------------------------|---------------------------|
| <i>C. Laburnum</i> (the Laburnum, or Pea Tree)           | II. p. 590. (67.)    | <i>Paliurus aculeatus</i> (Christ's Thorn)                        | II. p. 527. (61.)         |
| <i>C. L.</i> (incisum) <i>quercifolium</i>               | II. p. 590. (68.)    | <i>P. a.</i> , full-grown tree                                    | - - (60b.)                |
| <i>Euonymus europæus</i> (the Spindle Tree)              | II. p. 496. (57.)    | <i>Pavia flava</i>                                                | - I. p. 471. (50.)        |
| <i>E. latifolius</i>                                     | - II. p. 498. (58.)  | <i>P. f.</i> , full-grown tree                                    | - - (51.)                 |
| <i>Gleditschia inermis</i>                               | - II. p. 650. (77b.) | <i>P. macrocarpa</i>                                              | - I. p. 473. (52.)        |
| <i>G. i.</i> , full-grown tree                           | - - (76a.)           | <i>P. rubra</i>                                                   | - I. p. 469. (48.)        |
| <i>G. (sinensis) hirsuta</i>                             | - II. p. 654. (78.)  | <i>P. r.</i> , full-grown tree                                    | - - (48.)                 |
| <i>G. (s.) japonica</i>                                  | - II. p. 654. (80.)  | <i>P. r. humilis pendula</i>                                      | - I. p. 470. (52.)        |
| <i>G. (s.) macracantha</i>                               | - II. p. 654. (78.)  | Pea Tree. See <i>Cytisus</i> .                                    |                           |
| <i>G. (s.) nana</i>                                      | - II. p. 654. (80.)  | Purging Buckthorn. See <i>Rhamnus catharticus</i> .               |                           |
| <i>G. (s.) purpurea</i>                                  | - II. p. 654. (78b.) | <i>Rhamnus alpinus</i>                                            | - II. p. 536. (62c.)      |
| <i>G. triacanthos</i> (the Three-thorned Acacia)         | II. p. 650. (76.)    | <i>R. catharticus</i> (the Purging Buckthorn)                     | II. p. 531. (62.)         |
| <i>G. t.</i> , full-grown tree                           | - II. p. 650. (75a.) | <i>R. Frangula</i> (the Berry-bearing Alder)                      | II. p. 537. (62a.)        |
| <i>Gymnocladus canadensis</i> (the Kentucky Coffee Tree) | II. p. 656. (82a.)   | <i>R. latifolius</i>                                              | - II. p. 538. (62b.)      |
| <i>G. c.</i> , full-grown tree                           | - - (82.)            | <i>Robinia hispida macrophylla</i> (the large-leaved Rose Acacia) | II. p. 628. (73a.)        |
| Holly. See <i>Ilex</i> .                                 |                      | <i>R. Pseud-Acacia</i> (Common Acacia, or Locust)                 | II. p. 609. (71.)         |
| Horsechestnut. See <i>Aesculus</i> .                     |                      | <i>R. P. A.</i> , full-grown tree, 4to                            | - II. 71.*                |
| <i>Ilex Aquifolium</i> (the Holly)                       | II. p. 505. (59.)    | <i>R. P. A. tortuosa</i>                                          | - II. p. 610. (72.)       |
| <i>I. A.</i> , full-grown tree                           | - - (59a.)           | <i>R. P. A. umbraculifera</i>                                     | II. p. 610. (71a.)        |
| <i>I. opaca</i>                                          | - II. p. 516. (60.)  | <i>R. viscosa</i>                                                 | - II. p. 626. (73.)       |
| <i>I. o.</i> , full-grown tree                           | - - (59b.)           | Rose Acacia. See <i>Robinia hispida</i> .                         |                           |
| Judas Tree. See <i>Cercis</i> .                          |                      | Scotch Laburnum. See <i>Cytisus alpinus</i> .                     |                           |
| Kentucky Coffee Tree. See <i>Gymnocladus</i> .           |                      | Siberian Pea Tree. See <i>Caragana</i> .                          |                           |
| <i>Koeleria paniculata</i>                               | I. p. 475. (53.)     | <i>Sophora japonica</i>                                           | - II. p. 563. (64.)       |
| <i>Laburnum</i> . See <i>Cytisus Laburnum</i> .          |                      | <i>S. j.</i> , full-grown tree, 4to                               | - - (63a.)                |
| Lime Tree. See <i>Tilia</i> .                            |                      | <i>S. j. pendula</i>                                              | - II. p. 564. (65.)       |
| Locust. See <i>Robinia</i> .                             |                      | Spindle Tree. See <i>Euonymus</i> .                               |                           |
| <i>Liriodendron Tulipifera</i> (the Tulip Tree)          | I. p. 284. (13.)     | Sugar Maple. See <i>Acer saccharinum</i> .                        |                           |
| <i>L. T.</i> , full-grown tree                           | - - (12a.)           | Sycamore. See <i>Acer Pseudo-Platanus</i> .                       |                           |
| <i>Magnolia acuminata</i>                                | - I. p. 273. (10.)   | <i>Tilia (e.) alba (argentea)</i>                                 | I. p. 372. (18.)          |
| <i>M. a.</i> , full-grown tree                           | - - (9a.)            | <i>T. americana</i>                                               | - I. p. 373. (24. or 25.) |
| <i>M. auriculata</i>                                     | - I. p. 276. (8.)    | <i>T. (e.) aurea</i>                                              | - I. p. 366. (25.)        |
| <i>M. glauca</i>                                         | - I. p. 267. (4.)    | <i>T. europæa</i> (the common Lime Tree)                          | I. p. 364. (15.)          |
| <i>M. G. Thompsoniana</i>                                | - I. p. 267. (5.)    | <i>T. e.</i> , full-grown tree                                    | - I. (8a.)                |
| <i>M. conspicua</i>                                      | - I. p. 278. (12.)   | <i>T. (e.) laciniata</i>                                          | - I. p. 366. (21. or 22.) |
| <i>M. cordata</i>                                        | - I. p. 275. (11.)   | <i>T. (a.) laxiflora</i>                                          | - I. p. 374. (23.)        |
| <i>M. grandiflora</i>                                    | - I. p. 261. (1.)    | <i>T. (e.) platyphylla</i>                                        | - I. p. 365. (19.)        |
| <i>M. g. exoniensis</i>                                  | - I. p. 261. (3.)    | <i>T. (e.) p. minor</i>                                           | - I. p. 365. (20.)        |
| <i>M. macrophylla</i>                                    | - I. p. 271. (7.)    | <i>T. (a.) pubescens</i>                                          | - I. p. 374. (22. or 27.) |
| <i>M. (a.) pyramidata</i>                                | - I. p. 277. (9.)    | Three-thorned Acacia. See <i>Gleditschia</i> .                    |                           |
| <i>M. tripetala</i>                                      | - I. p. 269. (6.)    | Toothache Tree. See <i>Xanthoxylum</i> .                          |                           |
| Maple. See <i>Acer</i> .                                 |                      | Tulip Tree. See <i>Liriodendron</i> .                             |                           |
| <i>Negundo fraxinifolium</i> (the Box Elder)             | I. p. 460. (41.)     | <i>Virgilia lutea</i>                                             | - II. p. 565 (66.)        |
| <i>N. f. crispum</i>                                     | - I. p. 460. (42.)   | <i>Xanthoxylum fraxineum</i> (the Toothache Tree)                 | I. p. 488. (54.)          |



*Magnolia grandiflora.*  
The large-flowered evergreen Magnolia.

1







*Magnòlia grandiflora ferruginea.*

The large-flowered evergreen rusty-leaved Magnolia.







*Magnolia grandiflora exoniensis.*  
The large-flowered evergreen Exeter Magnolia.

5

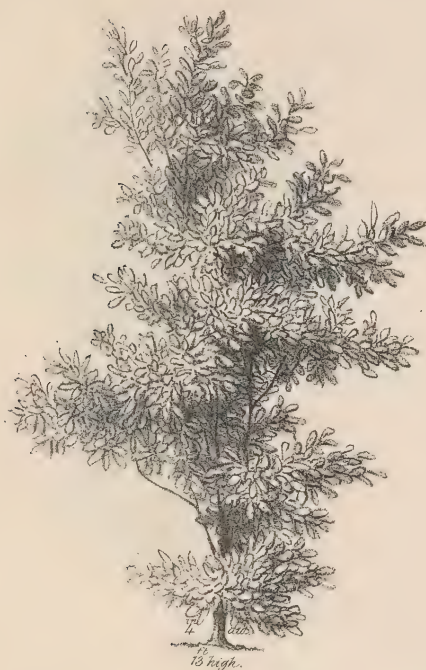






*Magnolia glauca.*  
The glaucous-leaved deciduous Magnolia.

4







*Magnolia glauca Thompsoniana.*  
Thompson's glaucous-leaved deciduous Magnolia.







*Magnolia tripétala.*

The three-petaled-flowered deciduous Magnolia.







*Magnolia macrophylla.*  
The large-leaved *deciduous* Magnolia.







*Magnolia acuminata.*  
The pointed-leaved deciduous Magnolia.





*Magnolia acuminata.*  
The pointed-leaved Magnolia.



Full-grown tree at Syou; 49 ft. high; diam. of the trunk, 3 ft.; and of the head, 48 ft.  
[Scale 1 in. to 12 ft.]







*Magnolia cordata.*  
The heart-shaped-leaved deciduous Magnolia.

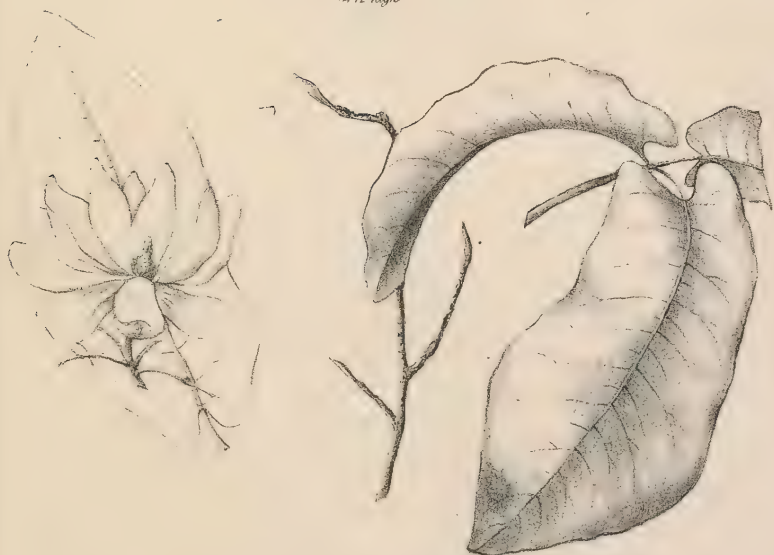
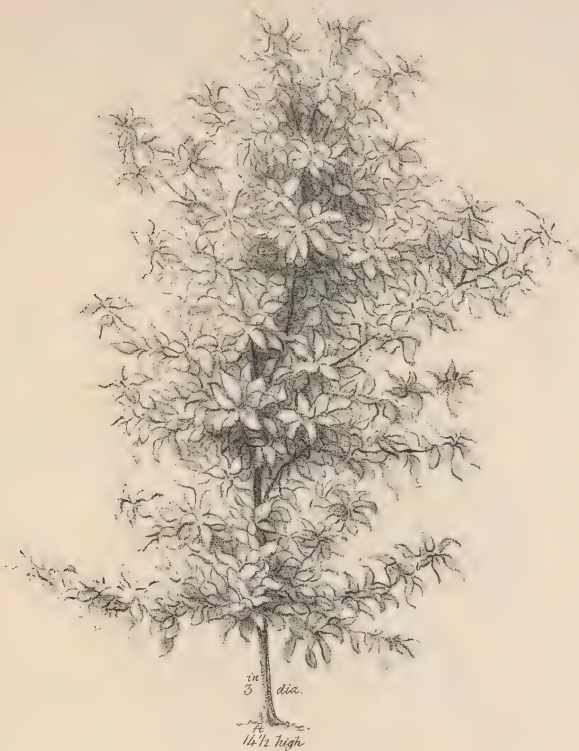
11







*Magnolia auriculata.*  
The ear-leaved *deciduous* Magnolia.











*Magnòlia conspicua*,  
The conspicuous-flowered deciduous Magnolia.







II.A.  
*Liriodendron Tulipifera.*  
 The Tulip tree.

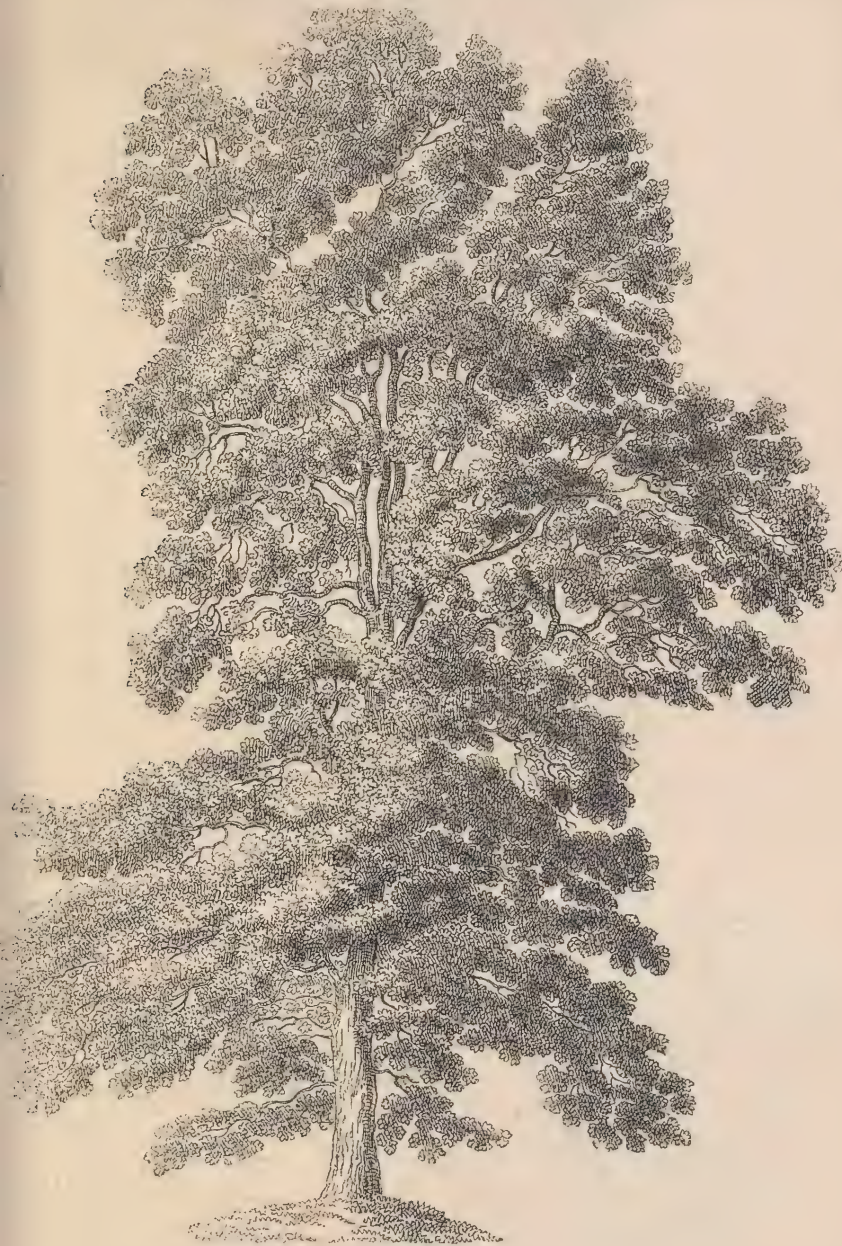
13





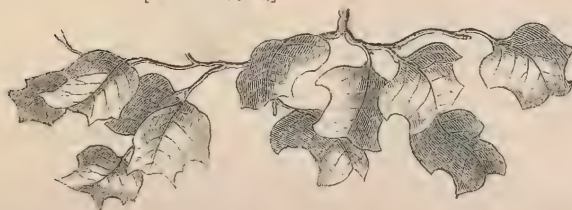
*Liriodendron Tulipifera.*

The tulip-bearing *Liriodendron*, or the *Tulip tree*.



Full-grown tree at Syon, 76 ft. high.

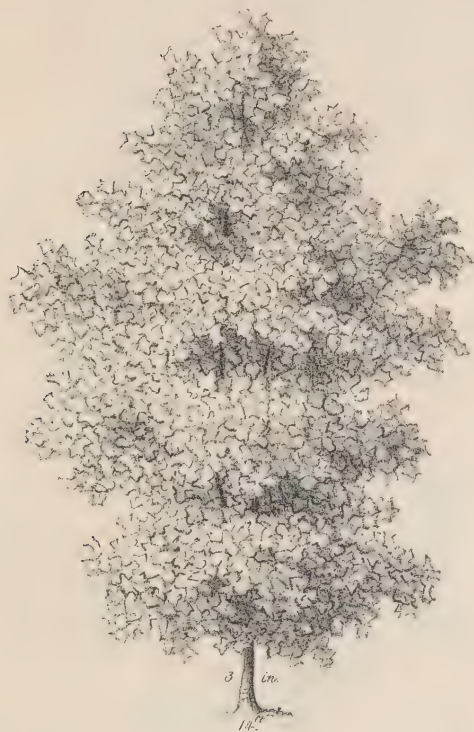
[Scale 1 in. to 12 ft.]







*Liriodendron Tulipifera obtusiloba.*  
The obtuse-lobed-leaved Tulip tree.







## III A.

*Tilia europæa.*

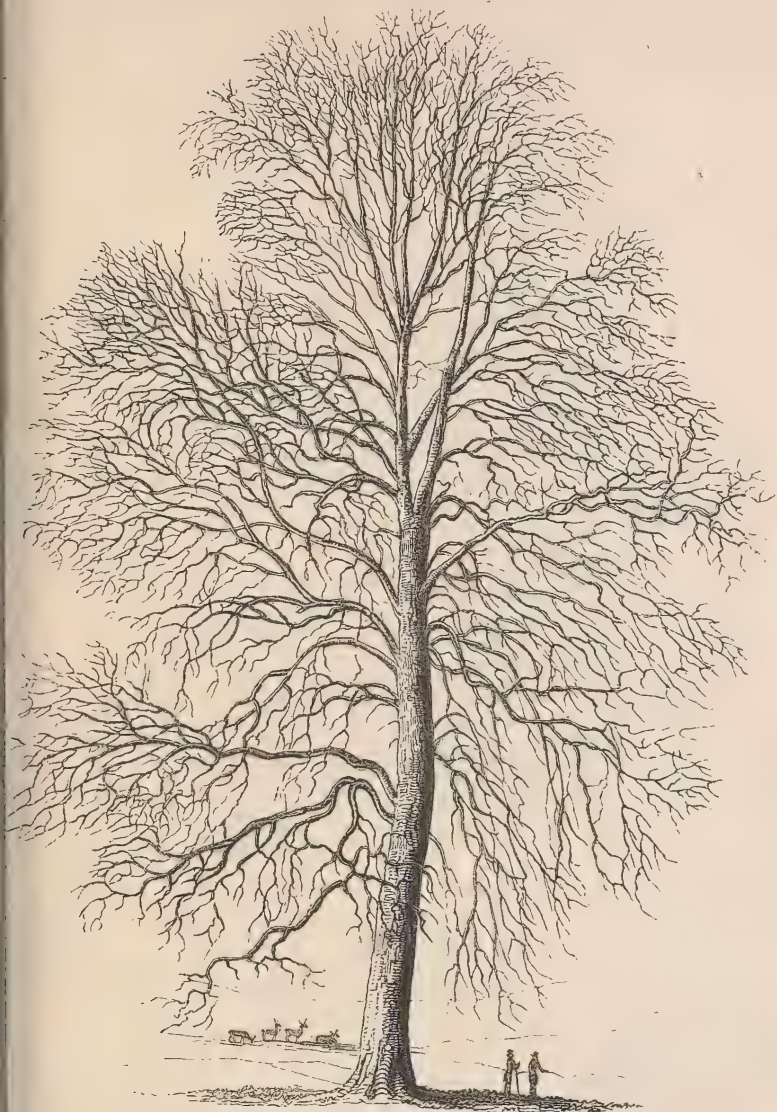
The European, or common, Lime Tree.





*Tilia europæa.*

The European, or common, Lime tree.



Full-grown tree at Studley Park, 125 ft. high; diam. of the trunk, 6 ft.; and of the head, 75 ft.

[Scale 1 in. to 24 ft.]







*Tilia europæa glauca.*  
The glaucous-leaved common Lime tree.





III. C.  
*Tilia rubra.*  
 The red-twigged Lime tree.







*Tilia platyphylla.*  
The broad-leaved Lime tree.





*Tilia platyphylla minor.*  
The smaller broad-leaved Lime tree.







*Tilia europæa platyphýlla minor.*

The smaller broad-leaved European Lime tree.



15 ft. high, 4 in. diam.





*Tilia platyphyllo laciniata.*  
The laciniated broad-leaved Lime tree.







*Tilia parvifolia atrea.*

The small-leaved golden-twigg'd Lime tree.





*Tilia argentea.*  
The silvery-leaved Lime tree.







*Villia álba.*

The white-leaved Lime tree.





*Tilia laxiflora.*  
The loose-flowered Lime tree







The downy-leaved Lime tree.



Prunus or Tilia by Lay &amp; Hagne.



*Acer tataricum.*  
The Tartarian Maple







*Acer spicatum.*  
The spike flowered Maple.





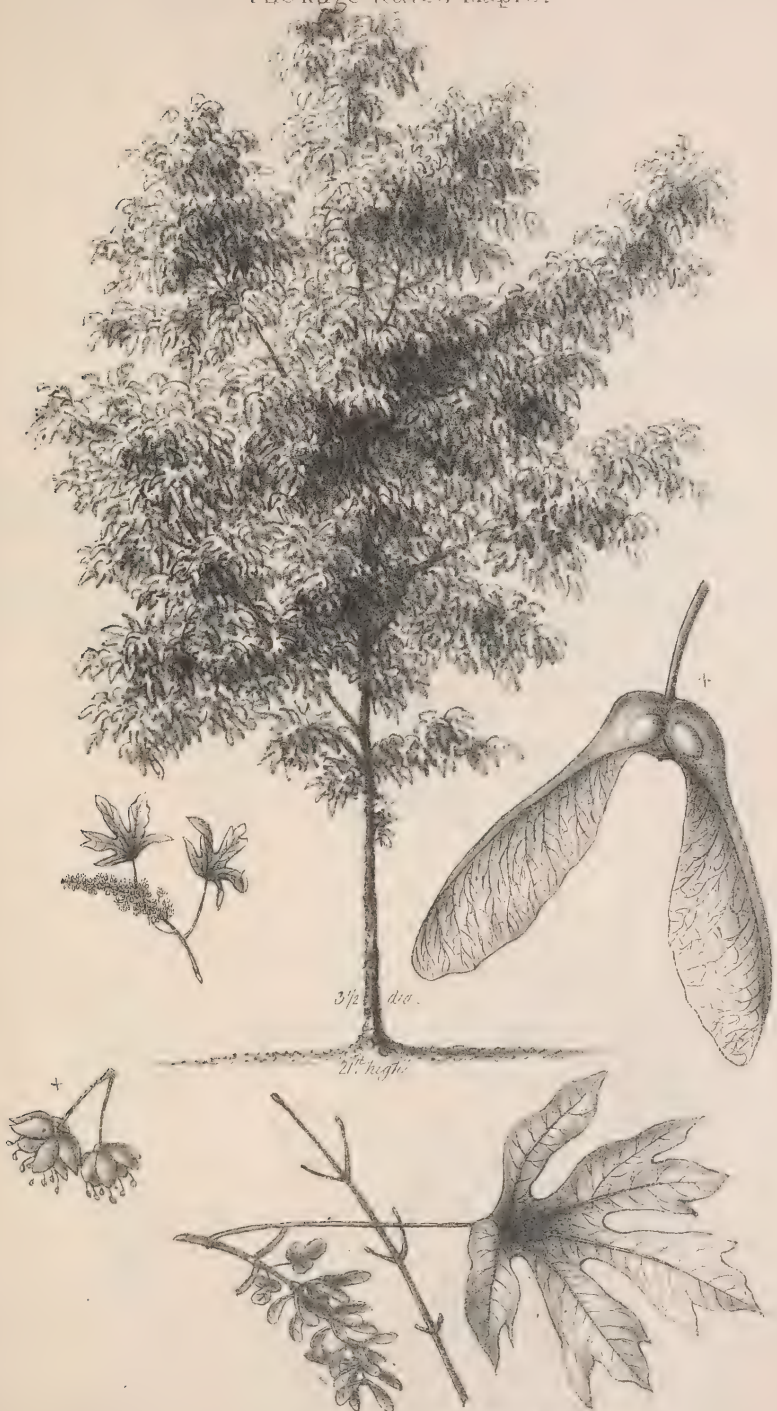
*Acer striatum*.  
The striped-barked Maple.







*Acer macrophyllum.*  
The large-leaved Maple.





*Acer platanoides*.  
The Platanus-like Maple.







*Acer platanoides laciniatum.*  
The cut-leaved Platanus-like Maple.



Engraved on Zinc by Day & Haghe.



IV.M  
*Acer saccharinum.*  
The sugar Maple.

37





IV. H.  
*Acer Pseudo-Platanus*.  
The *Sycamore*, or Bastard Plane tree Maple.







*Acer hybridum.*  
The hybrid Maple.





*Acer opulifolium.*

The Guelder-Rose-leaved Maple.







*Acer Ópulus.*

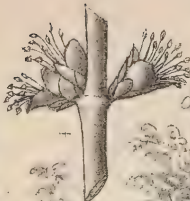
The Guelder-rose-like Maple.



10 ft. high.  $2\frac{1}{2}$  in. diam.







μία.

32 1/2" high

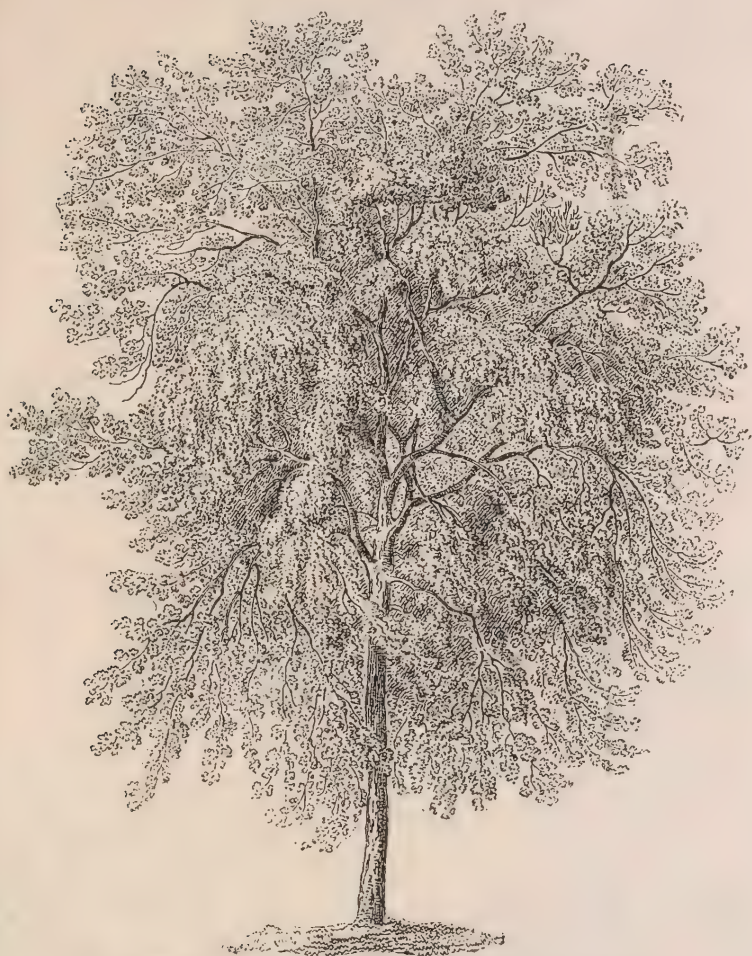
27.06.2019





*Åcer eriocárpon.*

The woolly-fruited Maple.



Full-grown tree at Kew, 56 ft. high; diam. of the trunk, 3 ft.; and of the head, 15 ft.

[Scale 1 in. to 12 ft.]







IV. o.  
*Acer rubrum.*  
The red-flowered Maple.

59



Printed from Zinc by Day & Haghe.



*Acer rubrum.*The Red, or *Swamp* Maple.

Full grown tree at Kew, 36 ft. high ; diam. of the trunk,  $2\frac{3}{4}$  ft ; and of the head, 30 ft.  
[Scale 1 in. to 12 ft.]







*Acer monspessulanum*.  
The Montpellier Maple.





*Àcer monspessulànum.*

The Montpellier Maple.



Full grown tree at Ham House, 30 ft. high; diam. of the head, 40 ft.; and of the trunk,  $1\frac{1}{2}$  ft.  
[Scale 1 in. to 12 ft.]





*Acer campêtre.*  
The common, or field, Maple.









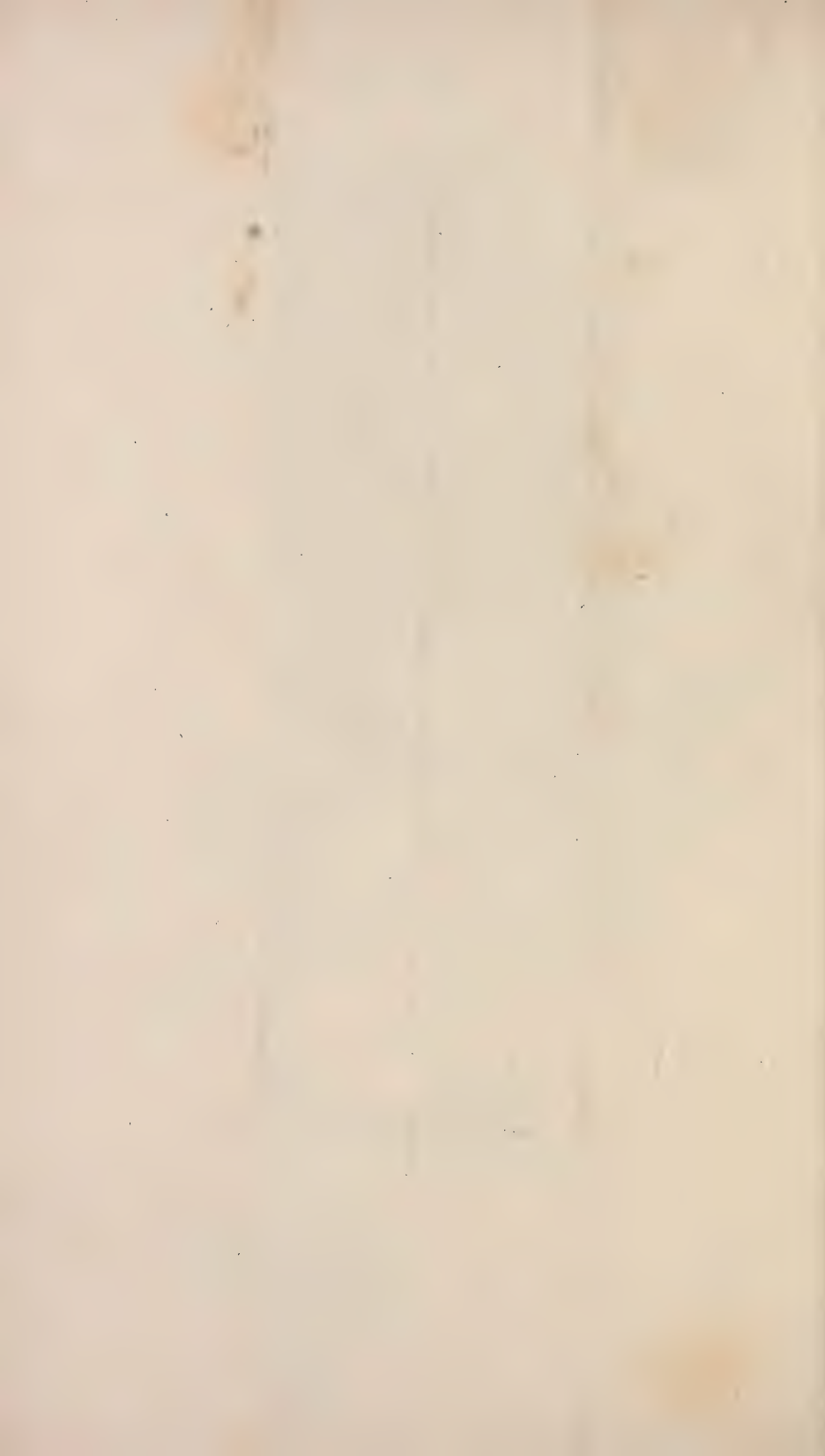


*Acer campêtre.*  
The common, or field Maple.



Full-grown tree at Studley Park, 70 ft. high; diam. of the trunk,  $5\frac{1}{2}$  ft.; and of the head, 58 ft.  
[Scale 1 in. to 12 ft.]







*Acer créticum.*

## The Cretan Maple.



Full grown tree at Syon, 58 ft. high; diam. of the trunk,  $2\frac{1}{2}$  ft. and of the head, 49 ft.

[Scale 1 in. to 12 ft.]





V. A.  
*Negundo fraxinifolium.*  
 The Ash-leaved Box Elder.



Printed from Zinc by Leys & Hays.





*Negundo fraxinifolium crispum.*  
The curled Ash-leaved Box Elder.



Printed from Zinc by Day & Haghe





*Fisculus Hippocastanum.*  
The common Horsechestnut.



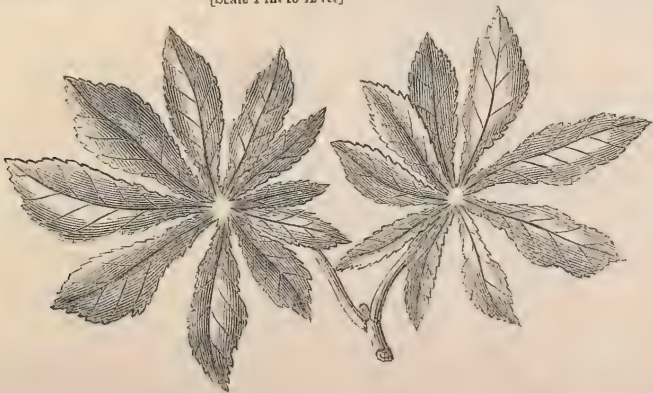




*Æsculus Hippocástanum.*  
The common Horse-Chestnut.



Full-grown tree at Forty Hill, Enfield, 62 ft. high; diam. of the trunk 4 ft.; and of the head, 48 ft.  
[Scale 1 in. to 12 ft.]







*Æsculus cárnea.*

The flesh-coloured-flowered Horsechestnut.





*Pàvia rùbra.*

The red-flowered, Pavia, or smooth-fruited Horse-Chestnut.



10 ft. high,  $4\frac{1}{2}$  in. diam.





*Pàvia rùbra.*

The red-flowered Pavia, or smooth-fruited, Horse-chestnut tree.



10 ft. high. 2½ in. diam.







*Pavia rubra.*

The red-flowered Pavia, or smooth fruited, Horse-chestnut tree.



Full grown tree at Syon; 26 ft. high; several small trunks from the same root head, 27 ft. diam.  
[Scale 1 in. to 12 ft.]

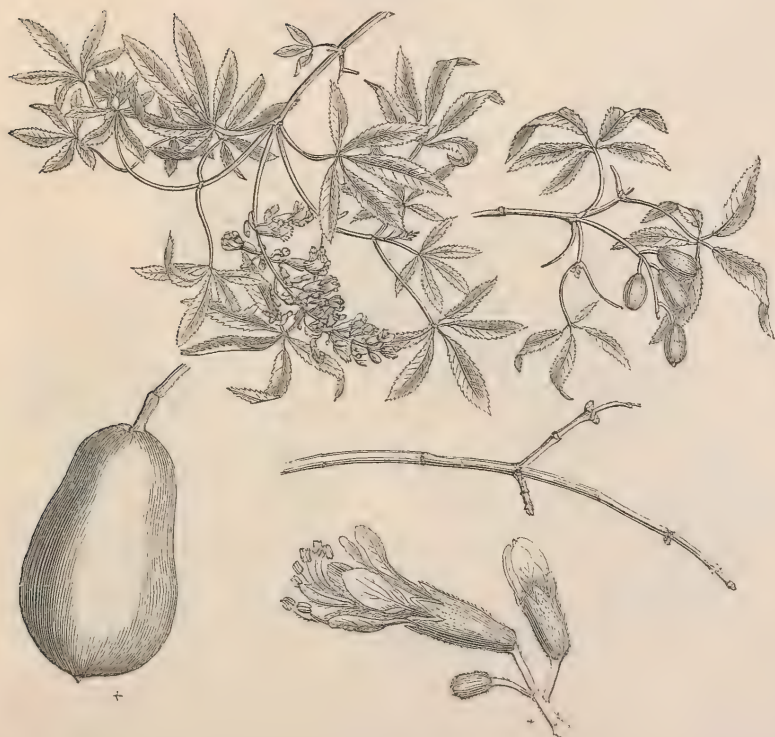




*Pàvia húmilis péndula.*  
The pendulous-branched Pavia.



11 ft. high,  $2\frac{3}{4}$  in. diam.

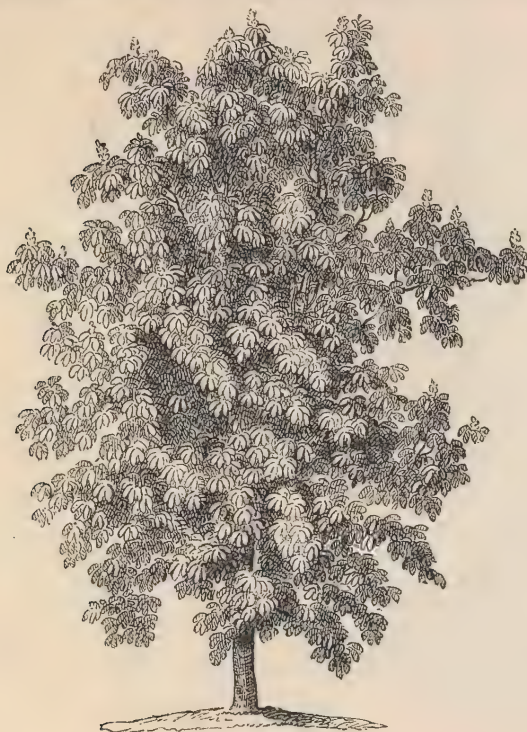






*Pavia flava.*

The yellow-flowered, Pavia, or smooth-fruited Horse-Chestnut.



15 ft. high, 6 in. diam.





*Æ'sculus (Pavia) flava.*

The yellow-flowered (Pavia) Horse-chestnut.



Full-grown tree at Syon; 40 ft. high; trunk, 1 ft. 4 in. diam.; diam. of the head, 39 ft.







*Pàvia macrocarpa.*  
The large-fruited Pavia.



13 ft. high, 3 in. diam.







*Kölreutèria paniculàta.*  
The panicled-flowering Kölreuteria.

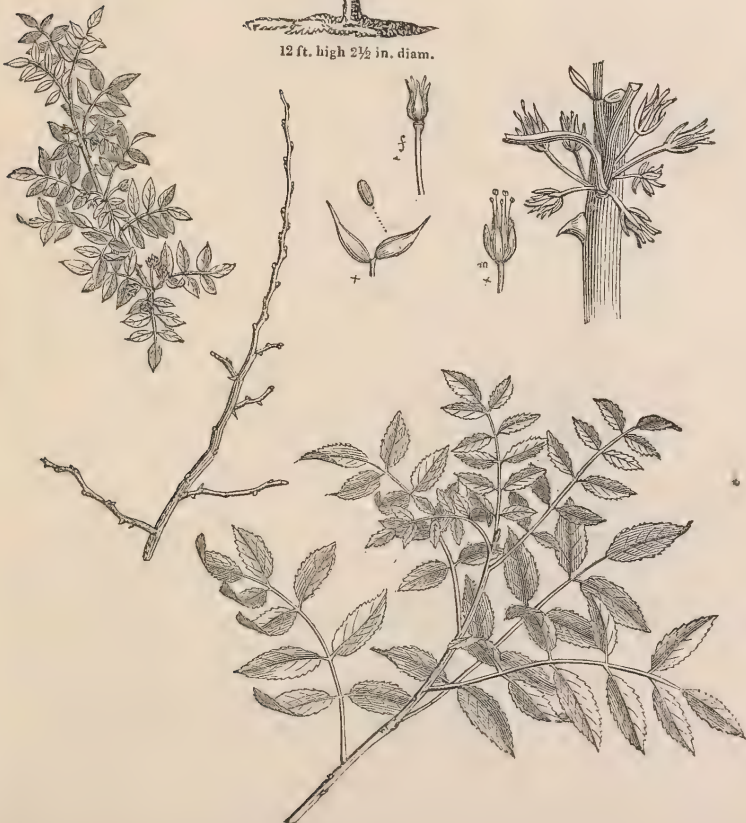




*Xanthoxylon fraxineum.*  
The Ash-leaved Tooth-ache Tree.



12 ft. high  $2\frac{1}{2}$  in. diam.







*Ptelea trifoliata.*

The three-leafted Shrubby Trefoil.



16½ ft. high, 2½ in. diam.





*Ailántus glandulosa.*  
The glandulous-leaved Ailantus.



32 ft. high, 8 in. diam.





*Ailāntus glandulōsa.*

The glandulous-leaved Ailantus.



Full-grown tree at Syon, 71 ft. high.  
[Scale 1 in. to 12 ft.]





*Euonymus europæus.*

The European, or common Spindle tree.





*Euonymus latifolius.*

The broad-leaved Spindle tree.







*Ilex Aquifolium.*

The sharp-leaved, or common, Holly.



14 ft. high, 3½ in. diam.





*Ilex Aquifolium.*

The sharp-leaved, or common, Holly.





*Īlex opàca.*

The opaque-leaved Holly.



Full-grown tree at Syon, 18 ft. high ; diam. of the trunk, 1 ft. ; and of the branches, 23 ft.

[Scale 1 in. to 12 ft.]

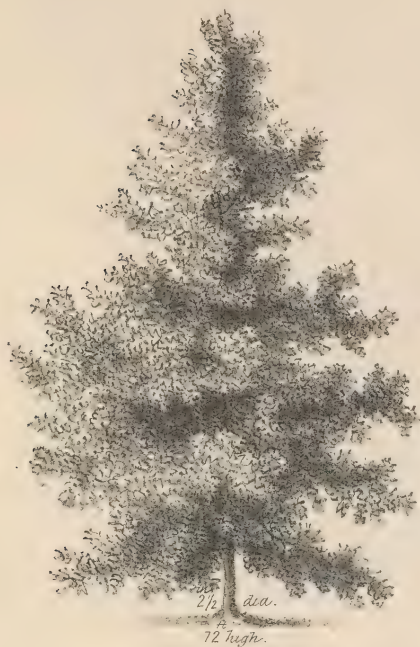






*Ilex opaca.*

The opaque-leaved Holly.





*Paliurus aculeatus.*  
The prickly Christ's Thorn.







*Paliurus aculeatus.*

The prickly Paliurus, or *Christ's thorn*.



Full-grown tree at Syon; 33 ft high; diam. of the trunk, 1 ft. and of the head, 30 ft.  
(Scale 1 in. to 12 ft.)





*Rhamnus catharticus.*  
The purging Buckthorn.



Painted from the original by J. S. Millar

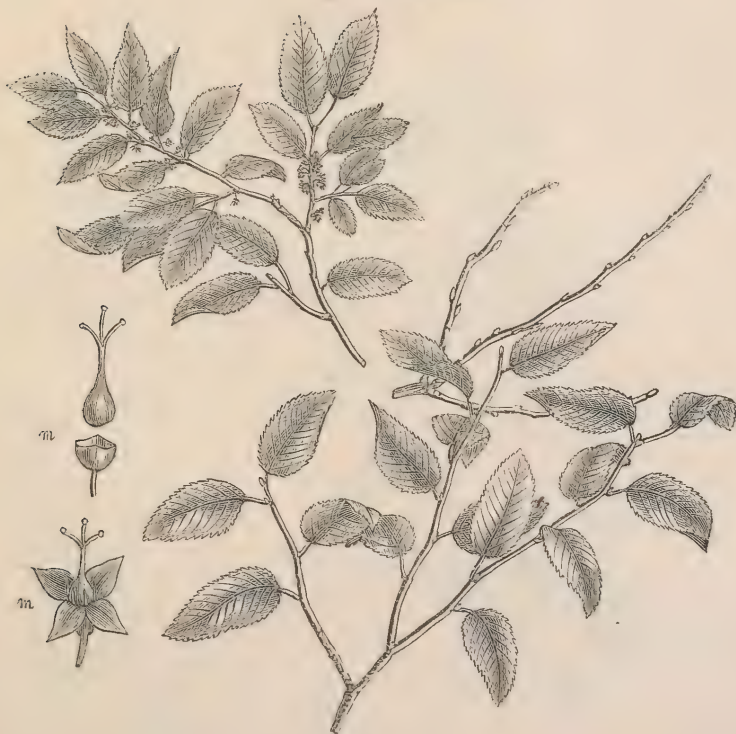


*Rhámnus álpinus.*

The Alpine Rhamnus, or Buckthorn.



11 ft. high, 3 in. diam.





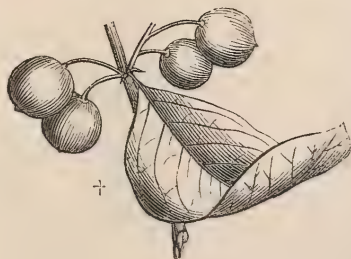
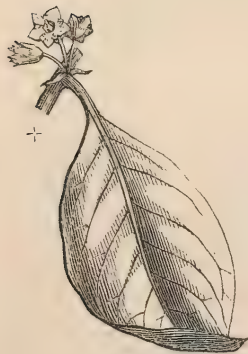


*Rhámnus Frángula.*

The Frangula, or brittle-wooded, Buckthorn.



10 ft high, 1½ in. diam

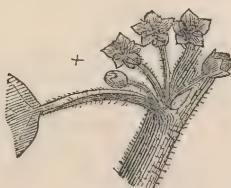




*Rhāmnus latifōlius.*  
The broad-leaved Buck-thorn.



11 ft. high, 3 1/2 in. diam.





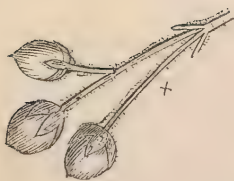


*Aristotelia Macqui.*

The Macqui Aristotelia.



10 ft. high, 1½ in. diam.

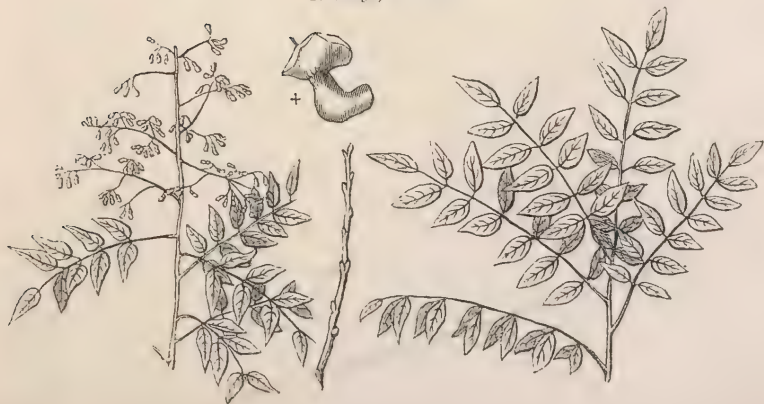




*Sophora japonica.*  
The Japanese Sophora.



20 ft. high, 9 in. diam.











*Sophora japonica.*  
The Japan Sophora.



Full-grown tree at Syon, 57 ft. high; diam. of the trunk,  $4\frac{1}{2}$  ft.; and of the head, 84 ft.  
[Scale 1 in. to 12 ft.]

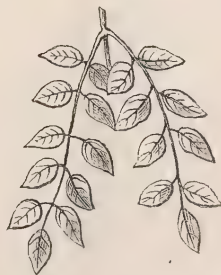
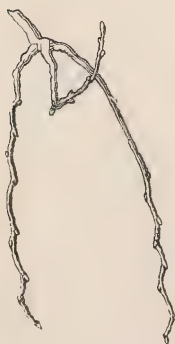




*Sophora japonica pëndula.*  
The drooping-*branched* Japanese Sophora.



12 ft. high, 3 in. diam.









*Virgilia lutea.*  
The yellow-flowered Virgilia.





*Cytisus Laburnum.*  
The common Laburnum.



Printed from Zinc by Day & Eagle.



*Cytisus Laburnum incisum.*  
The cut-leaved Laburnum.



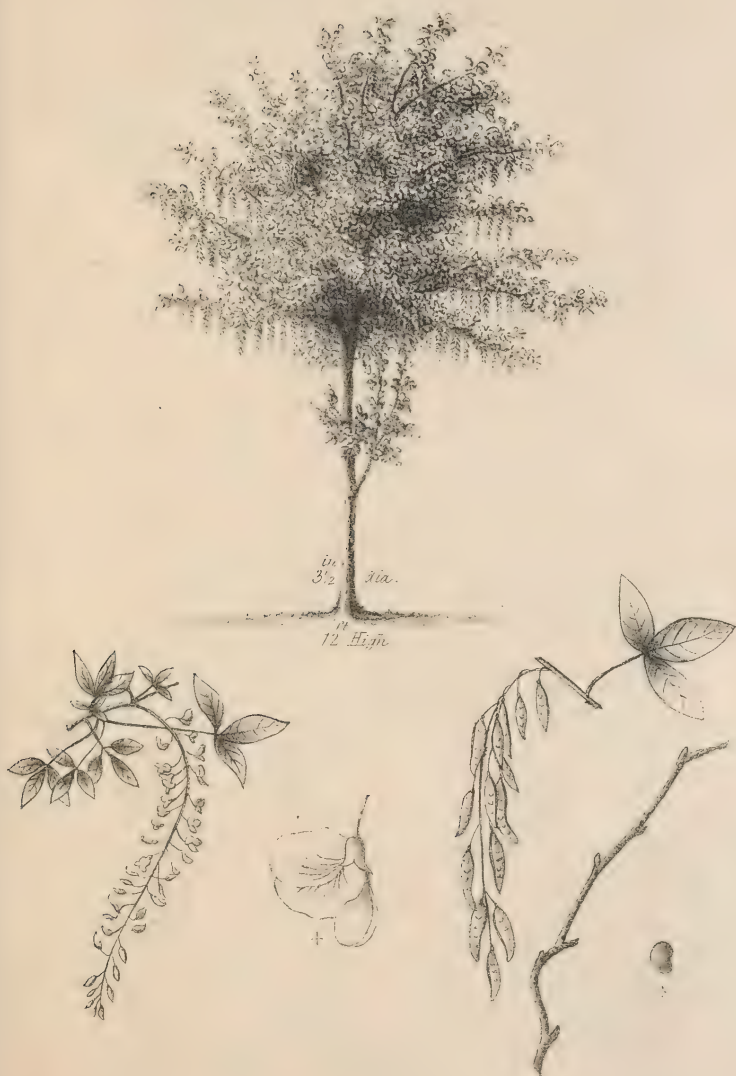
Painted from Zinn. by Gay & Haug.





*Cytisus alpinus.*

The alpine Cytisus, or Scotch Laburnum.





*Cytisus* L. *alpinus* *pendulum*.

The pendulous Alpine, or Scotch, Laburnum.



12 ft. high, 2½ in. diam.







*Robinia Pseud-Acacia.*  
The common Locust, or Bastard Acacia.



Printed from Zinc by Day & Haghe.









*Robinia Pséud-acácia.*  
The false Acacia Robinia.



Full-grown tree at Kenwood, 72 ft. high.  
[Scale 1 in. to 12 ft.]





*Robinia Pseud-acacia umbraculifera.*

The Umbrella, or *Parasol*, False Acacia Robinia.



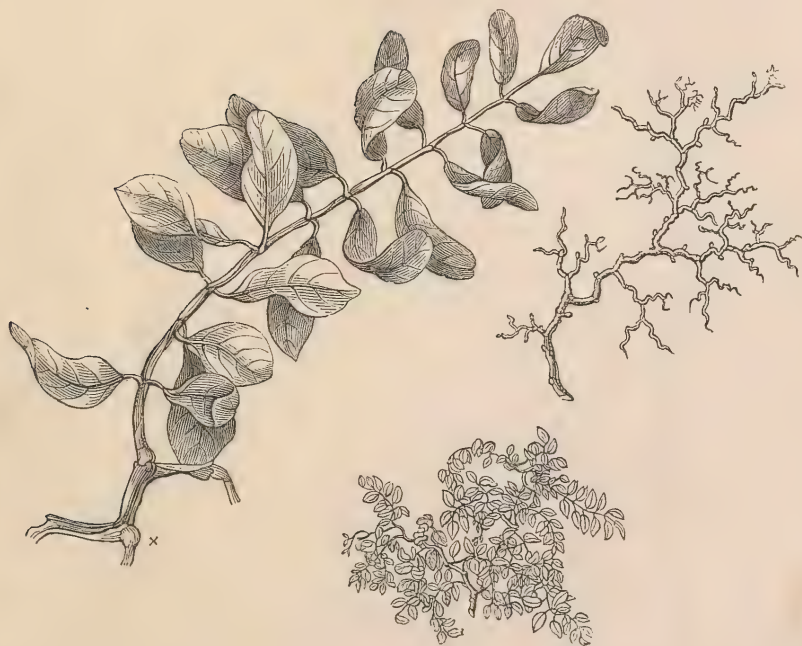


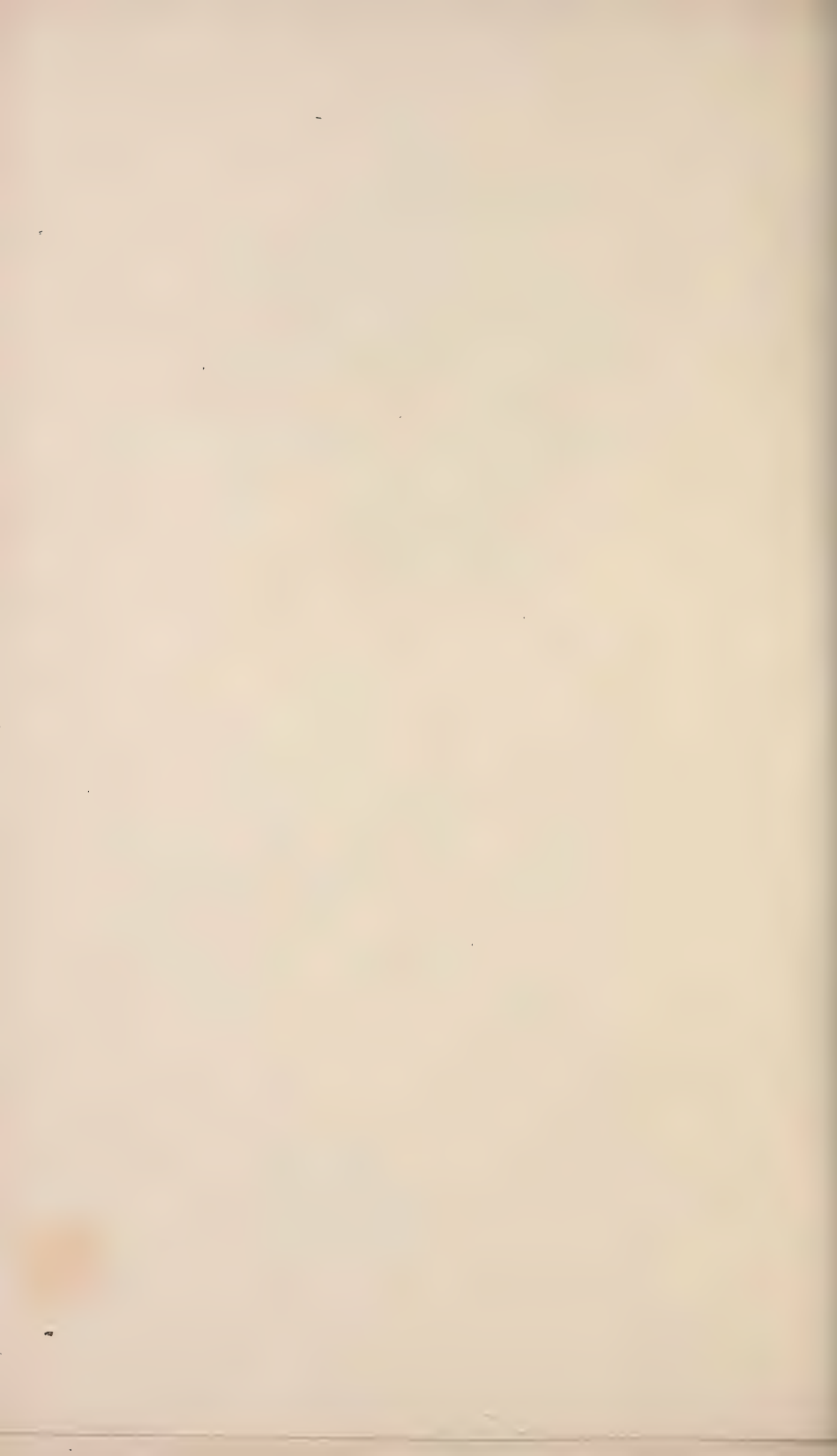
*Robinia Pseud-Acacia tortuosa.*

The twisted-leaved Robinia or False Acacia.



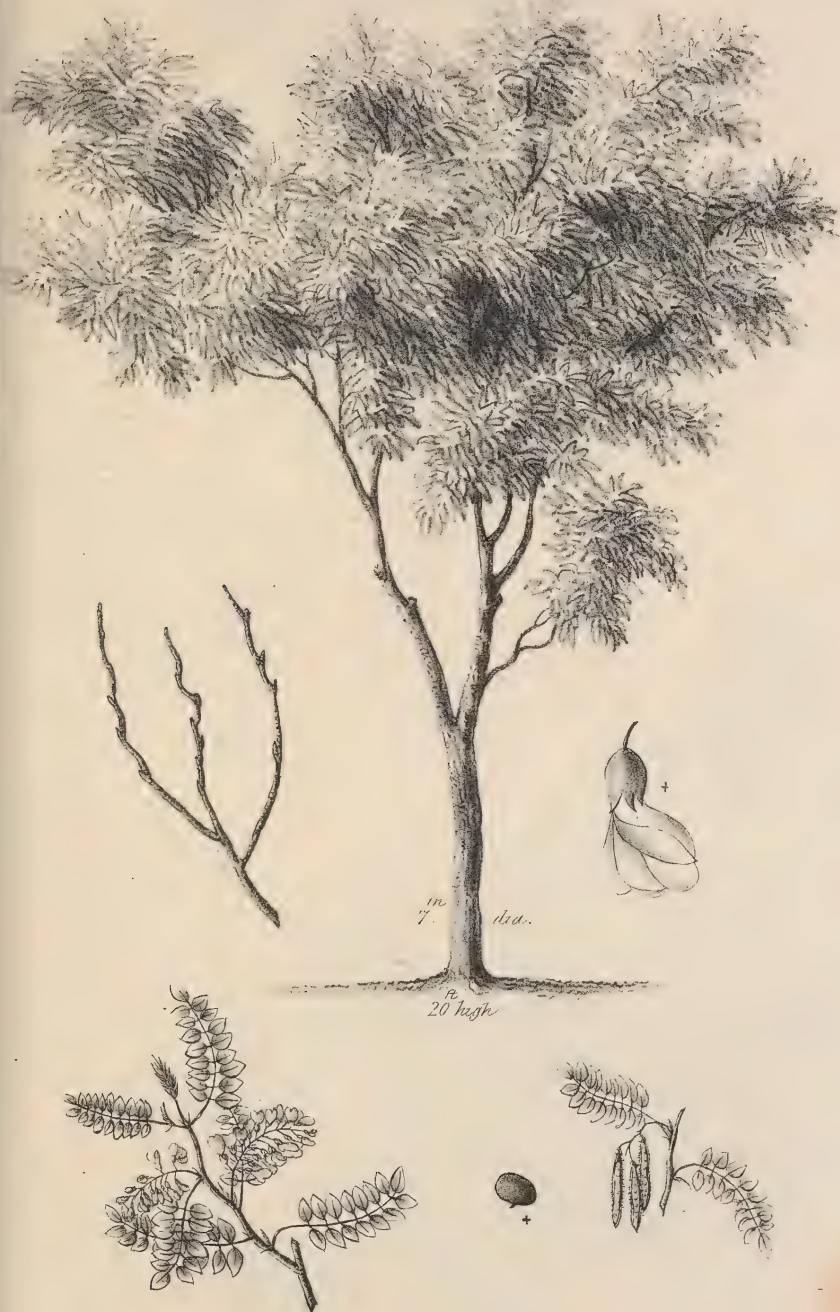
12 ft. high,  $3\frac{1}{2}$  in. diam.







XL.C.  
*Robinia viscosa.*  
 The viscid-barked Locust.





*Robínia (hispida) macrophýlla.*

The long-leaved Robinia, or *Rose Acácia*.



8½ ft. high, 2½ in. diam.





*Caragána arboréscens.*  
The arborescent Siberian Pea tree.







*Gleditsia triacanthos.*The three-spined *Honey Locust*, or *Gleditschia*.



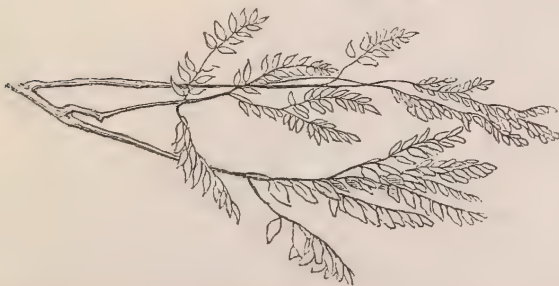
*Gleditschia triacanthos.*

The three-thorned Gleditschia, or *Honey Locust*.



Full-grown tree at Syon, 68 ft. high; diam. of the trunk, 2 ft. 3 in.; and of the head, 40 ft.

[Scale 1 in. to 12 ft.]







*Gleditschia (triacánthos) inermis.*

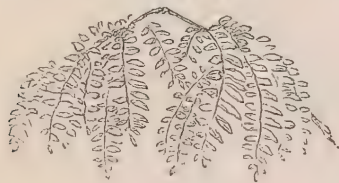
The unarmed or thornless *Gleditschia*, or *Honey Locust*.





*Gleditschia inermis.*The unarmed *Gleditschia*, or *Honey Locust Tree*.

Full grown tree at Syon, 72 ft. high; trunk, 2 ft. 4 in. diam.; head, 71 ft. diam.  
[Scale 1 in. to 12 ft.]







*Gleditschia hórrida.*

The horrid-spined *Gleditschia*, or *Honey Locust*.



Full-sized tree from Syon; 54 ft. high; trunk, 3 ft. diam.; diam. of the head, 54 ft.







*Gleditschia japonica.*  
The Japan Gleditschia.



10 ft. high,  $2\frac{1}{2}$  in. diam.





*Gleditschia hórrida nàna.*

The dwarf horridly-spined *Gleditschia*, or *Honey Locust*.







*Gleditschia hórrida purpúrea.*

The purple horridly-spined *Gleditschia*, or *Honey Locust*.



12 ft. high, 2 in. diam.





*Gleditschia macracantha.*

The long-spined *Gleditschia*, or *Honey Locust*.



Full-grown tree at S<sub>j</sub> on, 57 ft. high; diam. of the trunk, 3 ft.; and of the head, 63 ft.

[Scale 1 in. to 12 ft.]







*Gymnocladus canadensis.*

The Canadian Gymnocladus, or *Kentucky Coffee tree*.







*Gymnócladus canadensis.*

The Canadian Gymnocladus, or *Kentucky Coffee tree*.



Full-grown tree at Syon; 57 ft. high; diam. of the trunk, 3 ft.; and of the head, 47 ft.  
[Scale 1 in. to 12 ft.]





XXV. A.  
*Cercis Siliquastrum.*  
 The common Judas tree.







*Cercis Siliquástrum.*

The common Judas tree.



Full grown tree at Syon, 24 ft. high ; diam. of the trunk, 2 ft. ; and of the head, 32 ft.

[Scale 1 in. to 12 ft.,]





*Cercis canadensis.*

The Canadian Judas tree.



10 ft. high, 2 in. diam.





XXI. A.  
*Acacia dealbata*.  
 The whitened Acacia.

71.



Engraved from Zinck by Day & Naphe.





















39088006379432